

Appendix A – Budgetary Information

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The schedule for completing the milestones and achieving the targets and R&D priorities outlined in this plan is based on expected funding levels, the current stage of development of different technologies, and the perceived difficulty in attaining the targets. Deviation from the expected funding levels may alter the schedule for completion of the tasks and milestones. For example, if funding falls short of expected levels, the target dates for completion of certain milestone may be extended to later dates. If additional funding is made available over the expected amount, the rate of technology development could be accelerated in key research areas.

Funding Profile:

Consistent with the National Energy Policy, there has been a steady increase in funding for hydrogen and fuel cell R&D from FY 2001 through FY 2007. The following table shows the funding profile for the Hydrogen, Fuel Cells and Infrastructure Technologies Program (the EERE part of the DOE Hydrogen Program) from FY 2004 through the FY 2008 Request, with a breakdown by key activity. To reach its targets, the Hydrogen, Fuel Cells and Infrastructure Technologies Program expects funding to be provided at the level projected within internal DOE planning documents. If funding deviates from these projections, priorities have been established to reallocate funds.

Major Activity	FY 2004 Funding	FY 2005 Funding	FY 2006 Funding	FY 2007 Funding	FY 2008 Request
Hydrogen Production & Delivery	10.1	13.3	8.4	34.6	40.0
Hydrogen Storage	13.6	22.4	26.0	34.6	43.9
Infrastructure Validation	5.8	8.4	10.4	14.8	14.0
Safety, Codes & Standards Utilization	5.8	5.8	4.6	13.8	16.0
Education	2.4	0	0.5	2.0	3.9
Cross-Cutting Analysis	1.4	3.2	4.8	9.9	11.5
Manufacturing				2.0	5.0
Transportation Systems	7.3	7.3	1.0	7.5	8.0
Distribution Energy Systems	7.2	6.8	1.0	7.4	7.7
Stack Components	24.6	31.7	30.7	38.1	44.0
Fuel Processing	14.4	9.5	0.6	4.1	3.0
Technology Validation	9.8	17.7	22.9	24.7	16.0
Technical and Program Support	0.4	0.5			
TOTAL Hydrogen and Fuel Cells	144.9	166.8	153.4	193.5	213.0
Congressionally-directed Projects	42.0	40.2	42.5		

Source: Congressional Budgets, Energy and Water Development Appropriations